

23. **RECEIVING WATERS INFORMATION:** Refer to the State Water Control Board's Water Quality Standards [e.g., River Basin Section Tables (9 VAC 25-260 - Part IX) [along with Parts VII and VIII]. Use 9 VAC 25-260-140 C (introduction and numbered paragraph) to address tidal waters where fresh water standards would be applied or transitional waters where the most stringent of fresh or salt water standards would be applied. Attach any memoranda or other information which helped to develop permit conditions (i.e. flow determination memo, tier determinations, PReP complaints, special water quality studies, STORET data and other biological and/or chemical data, etc.

SEE ATTACHMENT 9

24. **303(d) LISTED SEGMENTS:** Indicate if the facility discharges directly to a segment that is listed on the current 303(d) list, if the allocations are specified by an approved TMDL and, if so, provide all appropriate information/calculations. If the facility discharges directly to a stream segment that is on the current 303(d) list, the fact sheet must include a description of how the TMDL requirements are being met.

The stream segment receiving this discharge is not listed on the current 303(d) list; however, the facility was included in the Appomattox River Basin TMDL for bacteria. A waste load allocation for the facility was not developed since the previous permit contained only monitoring for *E.coli*, and not a limit.

During the previous permit term, the facility was sampling for Outfall 001, which receives boiler blowdown, at a drop inlet located outside of the boiler building. A review of DMR data for this sampling location has shown high levels of *E.coli*. In 2006, the facility moved the sampling location for Outfall 001 to a pH adjustment tank located inside the boiler building. The sampling location was moved due to the fact that the drop inlet also received storm water runoff from the site, and a representative sample of the boiler blowdown was not able to be obtained by sampling the drop inlet. The levels of *E.coli* decreased once the sampling location for Outfall 001 was moved to the pH adjustment tank for the boiler blowdown.

As this facility is included in the Appomattox River Basin TMDL for bacteria, the *E. coli* levels needed to be addressed. It appears that high *E.coli* levels at this facility may be due to storm water runoff. During this permit reissuance, Outfall 901 was established at the old Outfall 001 sampling location (drop inlet) to monitor *E. coli* levels from storm water runoff. A special condition was also added to the permit to implement Bacteria Source Track Monitoring should *E.coli* levels at Outfall 901 exceed either the geometric mean (126 N/CML) or single sample (235 N/CML) benchmarks for *E.coli*. The measures implemented in this permit reissuance to address *E.coli* levels at this site should help to ensure compliance with the Appomattox River Basin TMDL.

SEE ATTACHMENT 10

25. **CHANGES TO PERMIT:** Use TABLE A to record any changes from the previous permit and the rationale for those changes. Use TABLE B to record any changes made to the permit during the permit processing period and the rationale for those changes [i.e., use for comments from the applicant, VDH, EPA, other agencies and/or the public where comments resulted in changes to the permit limitations or any other changes associated with the special conditions or reporting requirements].

SEE ATTACHMENT 10

26. **NPDES INDUSTRIAL PERMIT RATING WORKSHEET:**

TOTAL SCORE: 35 **SEE ATTACHMENT 11**

27. **EPA/VIRGINIA DRAFT PERMIT SUBMISSION CHECKLIST:**

SEE ATTACHMENT 12

28. **DEQ PLANNING COMMENTS RECEIVED ON DRAFT PERMIT:** Document any comments received from DEQ planning.

The discharge is not addressed in any planning document but will be included when the plan is updated.

29. **PUBLIC PARTICIPATION:** Document comments/responses received during the public participation process. If comments/responses provided, especially if they result in changes to the permit, place in the attachment.

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| Attachment <u>1</u> | Site Inspection Report/Memorandum |
| Attachment <u>2</u> | Discharge Location/Topographic Map |
| Attachment <u>3</u> | Schematic/Plans & Specs/Site Map/Water Balance |
| Attachment <u>4</u> | Discharge/Outfall Description |